

ABSTRACT OF THE DISCLOSURE

Performing power saving control which can be inherited and standardized easily, and which keeps power devices from having to become larger is made possible. A current I_n flowing through an electrical path is detected as a voltage V_s by a current detection section, and is outputted as a voltage V_{out} by an amplifying section. When a level corresponding to the voltage V_{out} exceeds a limit level, a power limit detection section outputs a power limit detection signal. When a controller receives the power limit detection signal via a detection signal holding section, the controller outputs a throttle control command signal. When a chip set receives the throttle control command signal, the chip set initiates throttle control that lowers the clock frequency of a CPU. The present invention may be applied to laptop personal computers.